

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021264.D
 Acq On : 20 Feb 2025 21:00
 Operator : SY/MD
 Sample : Q1382-11
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-06-021725

Quant Time: Feb 21 02:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

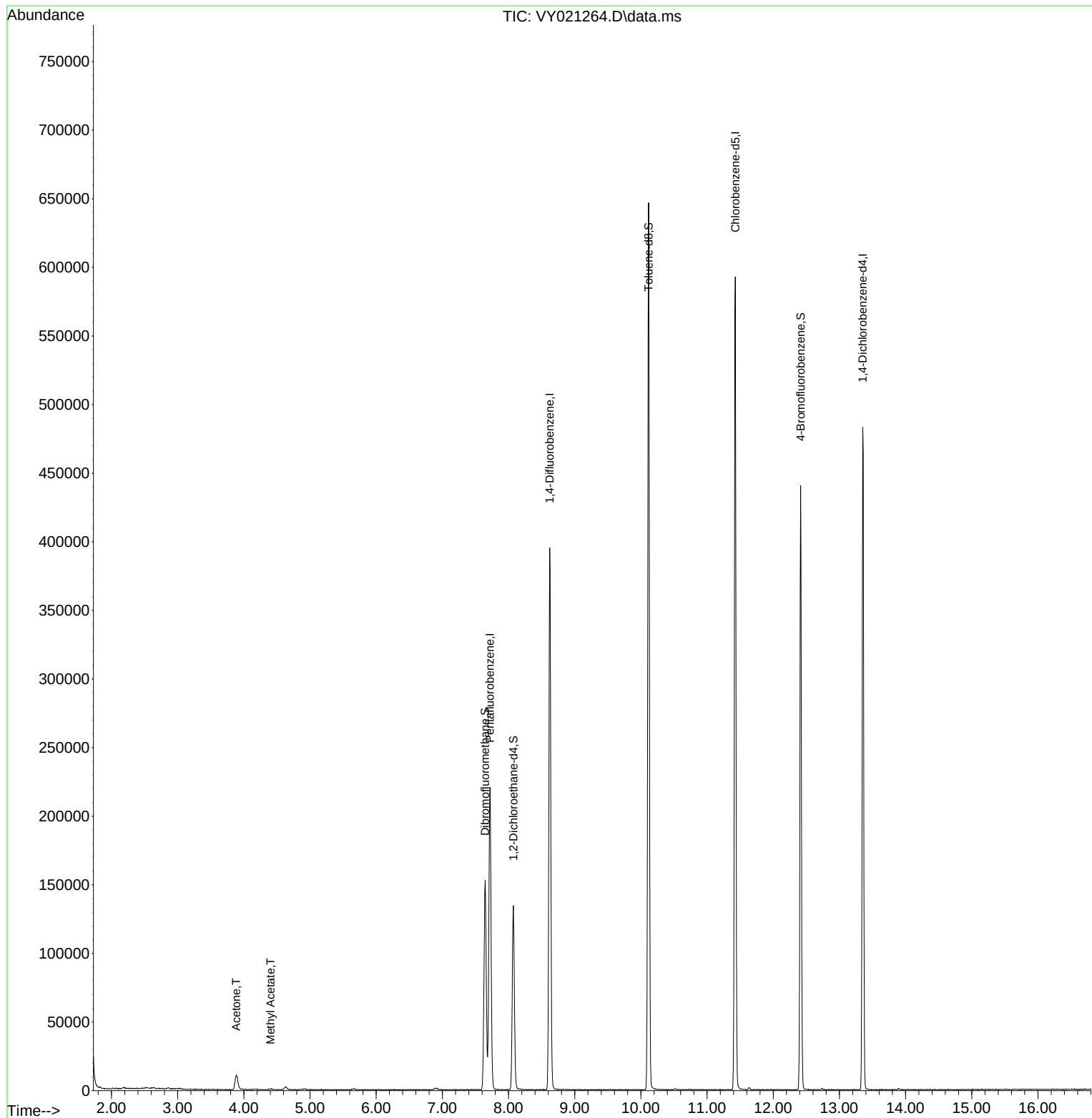
Internal Standards						
1) Pentafluorobenzene	7.719	168	168061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	325406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	303945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105357	61.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.380%			
35) Dibromofluoromethane	7.646	113	106723	51.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.360%			
50) Toluene-d8	10.115	98	402696	50.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.440%			
62) 4-Bromofluorobenzene	12.414	95	127552	49.177	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.360%			
Target Compounds						Qvalue
16) Acetone	3.885	43	21390	79.656	ug/l #	87
18) Methyl Acetate	4.403	43	1134	1.203	ug/l #	67

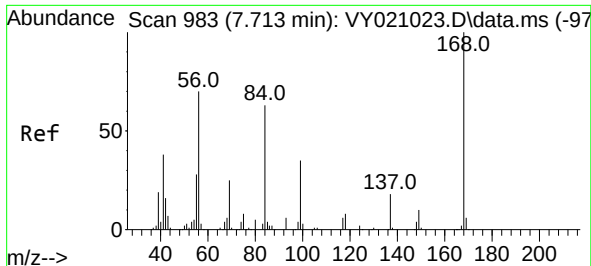
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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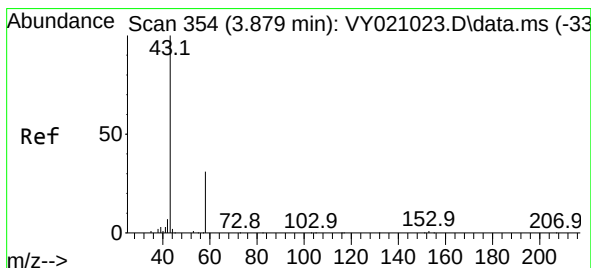
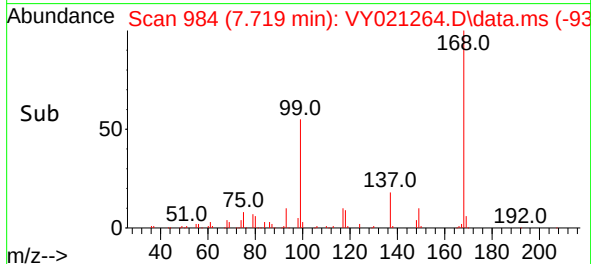
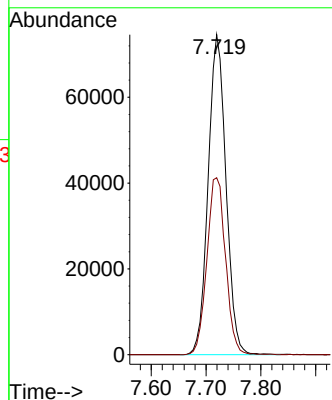
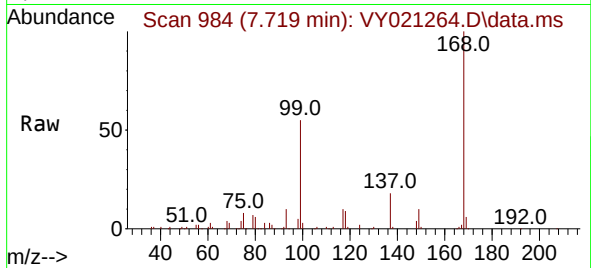




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

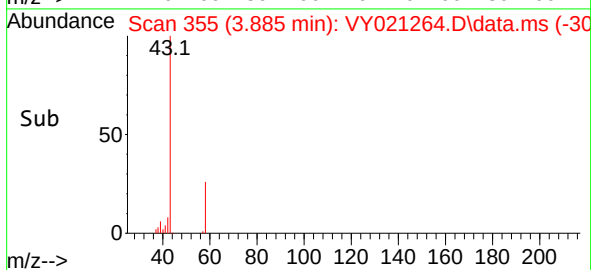
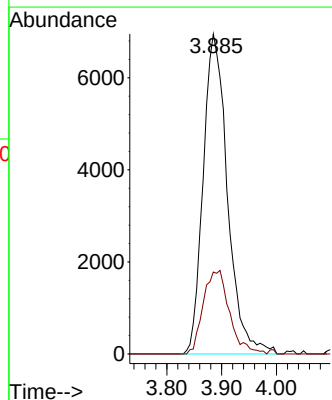
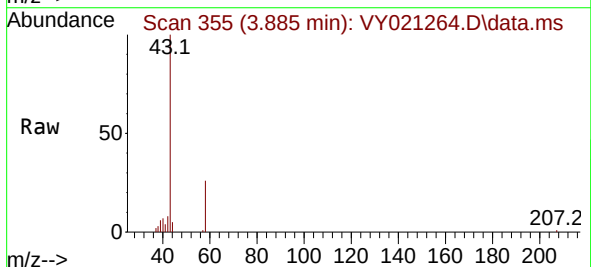
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

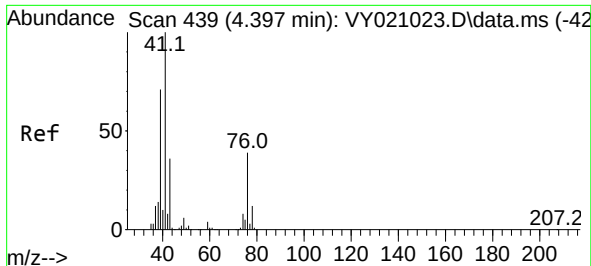
Tgt Ion:168 Resp: 168061
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#16
Acetone
Concen: 79.656 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

Tgt Ion: 43 Resp: 21390
Ion Ratio Lower Upper
43 100
58 25.6 26.6 39.8#

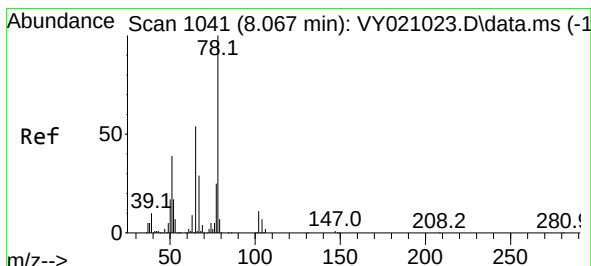
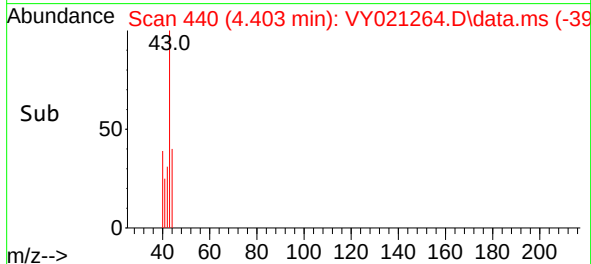
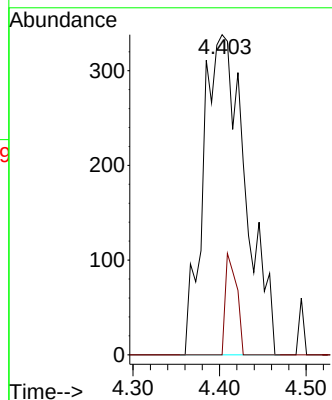
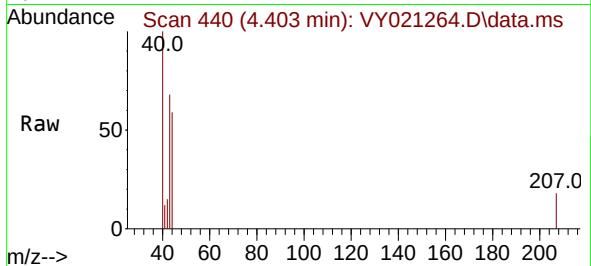




#18
Methyl Acetate
Concen: 1.203 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

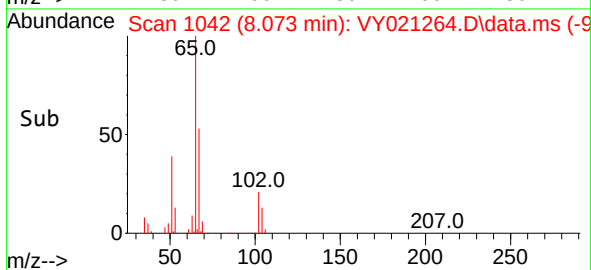
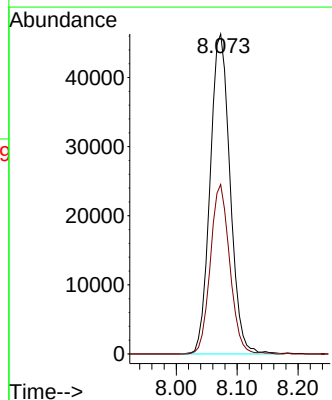
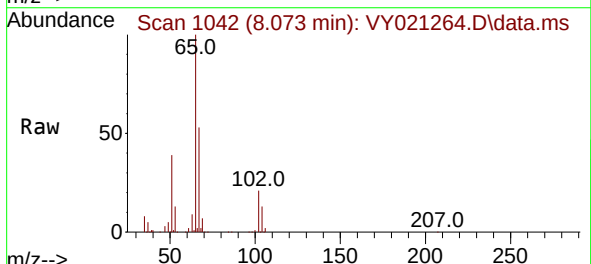
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

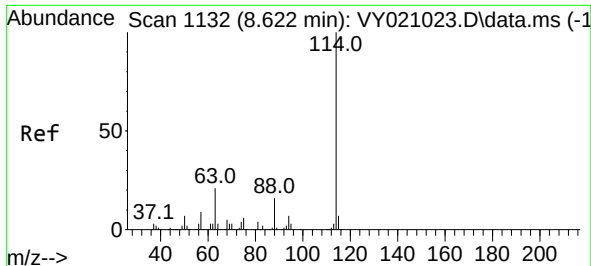
Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
74 8.5 19.8 29.6#



#33
1,2-Dichloroethane-d4
Concen: 61.186 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

Tgt Ion: 65 Resp: 105357
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.0

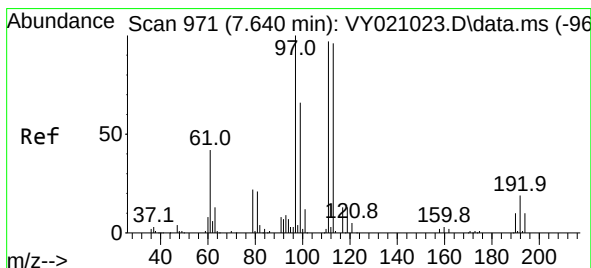
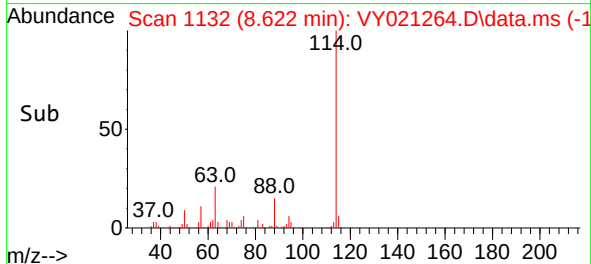
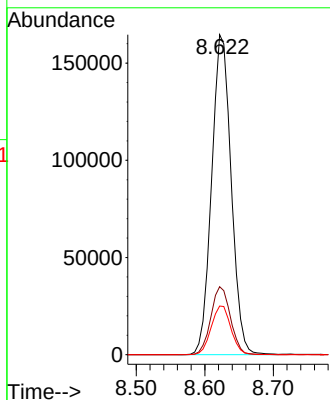
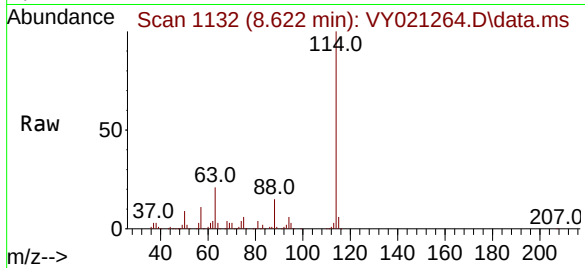




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

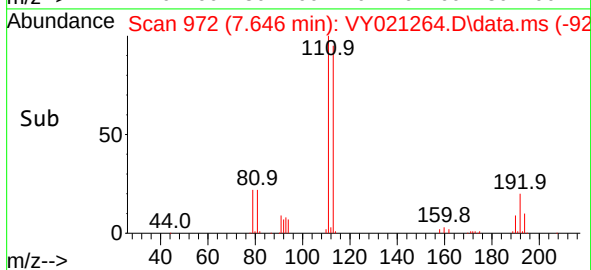
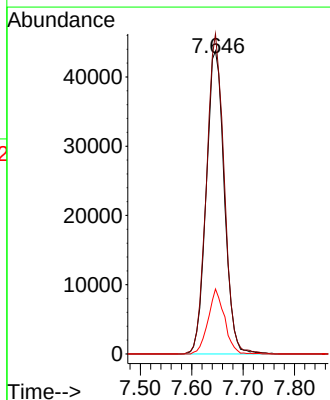
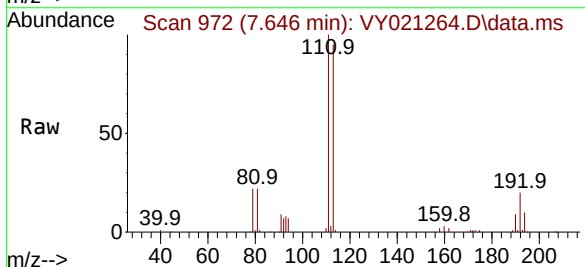
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

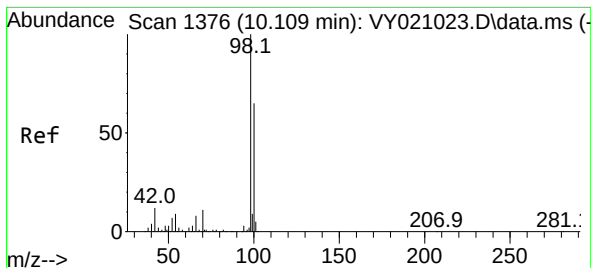
Tgt Ion:	114	Resp:	325406
Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	15.2	0.0	29.0



#35
Dibromofluoromethane
Concen: 51.176 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021264.D
Acq: 20 Feb 2025 21:00

Tgt Ion:	113	Resp:	106723
Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.8	125.6
192	19.5	14.5	21.7





#50

Toluene-d8

Concen: 50.722 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021264.D

Acq: 20 Feb 2025 21:00

Instrument :

MSVOA_Y

ClientSampleId :

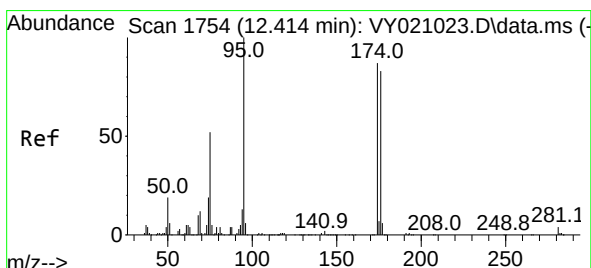
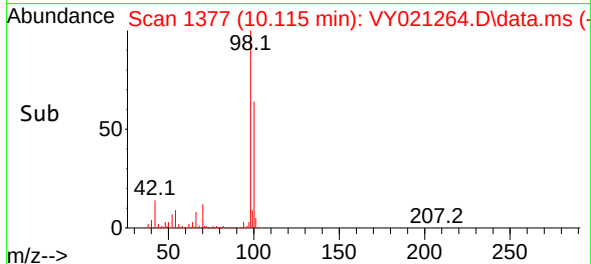
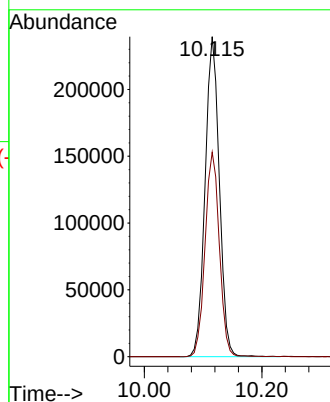
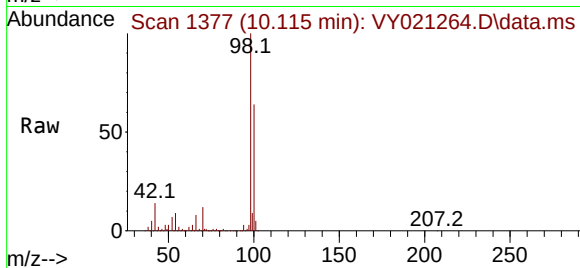
OU4-PCS-TC-06-021725

Tgt Ion: 98 Resp: 402696

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 49.177 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021264.D

Acq: 20 Feb 2025 21:00

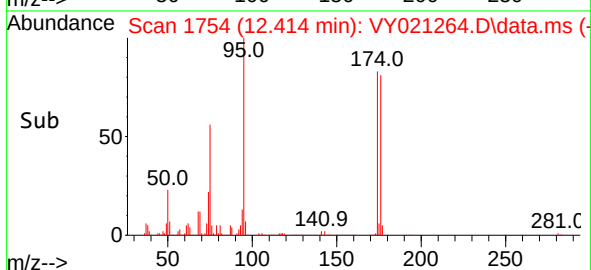
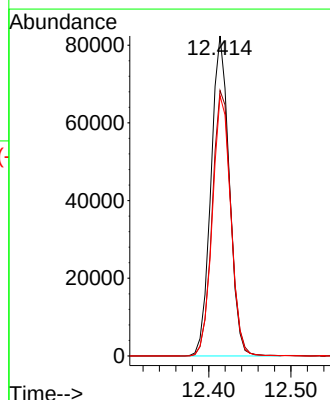
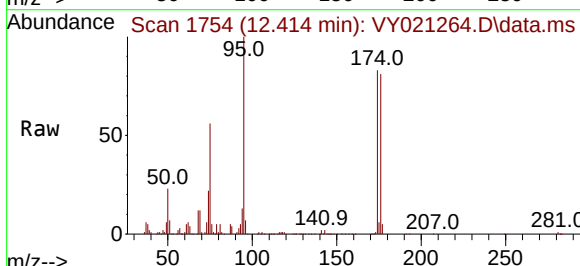
Tgt Ion: 95 Resp: 127552

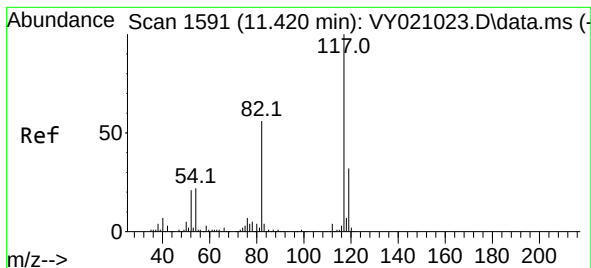
Ion Ratio Lower Upper

95 100

174 84.4 0.0 160.0

176 81.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021264.D

Acq: 20 Feb 2025 21:00

Instrument :

MSVOA_Y

ClientSampleId :

OU4-PCS-TC-06-021725

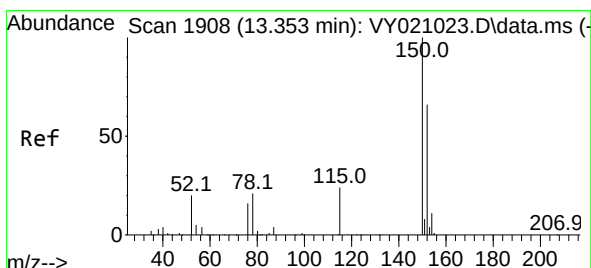
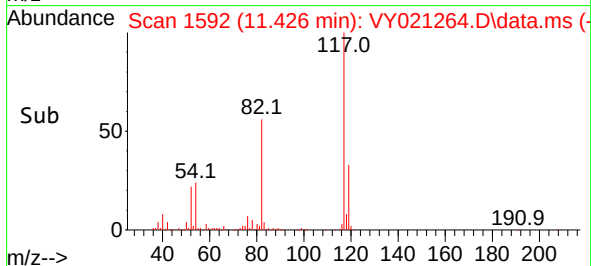
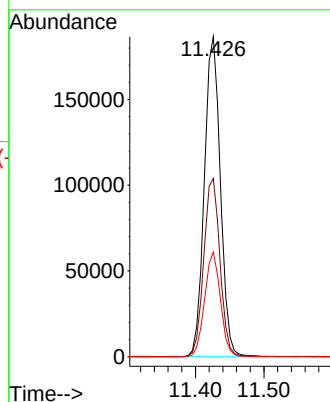
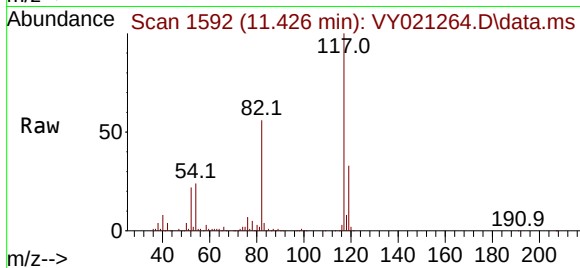
Tgt Ion:117 Resp: 303945

Ion Ratio Lower Upper

117 100

82 55.7 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021264.D

Acq: 20 Feb 2025 21:00

Tgt Ion:152 Resp: 119761

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.2 0.0 344.6

